

# The United States of America



## The Director of the United States Patent and Trademark Office

*Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.*

*Therefore, this*

### United States Patent

*Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America for the term set forth below, subject to the payment of maintenance fees as provided by law.*

*If this application was filed prior to June 8, 1995, the term of this patent is the longer of seventeen years from the date of grant of this patent or twenty years from the earliest effective U.S. filing date of the application, subject to any statutory extension.*

*If this application was filed on or after June 8, 1995, the term of this patent is twenty years from the U.S. filing date, subject to any statutory extension. If the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121 or 365(c), the term of the patent is twenty years from the date on which the earliest application was filed, subject to any statutory extensions.*

A handwritten signature in black ink, reading "Jon W. I. Dudas". The signature is stylized, with the first letters of each name being prominent.

*Director of the United States Patent and Trademark Office*



United States Patent and Trademark Office  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
If Undeliverable Return in Ten Days  
Address Correction Requested

AN EQUAL OPPORTUNITY EMPLOYER

OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE, \$300

Return to  
Office of Patent Publication  
Publishing Division



6791090

*Handwritten initials: JFW*

*Handwritten date: 10/1/91*

DO NOT FOLD OR BEND  
LETTER MAIL

FIRST CLASS MAIL